

ABSTRACT OF THE DISCLOSURE

A wedge-operated brake apparatus includes a piston for generating a braking force when axially driven, an actuator for generating a linear brake-actuating input, and a wedge transmission mechanism for converting the linear brake-actuating input into a brake-actuating output in the axial direction of the piston. The brake-actuating output is transmitted to the piston so as to drive the piston to thereby generate a braking force. The wedge transmission mechanism includes a first plate member which moves together with the piston, a second plate member disposed in opposition to the first plate member and fixedly secured to a housing, a wedge member disposed between the first and second plate members and engaging respective engaging surfaces of the first and second plate members via rollers, and a holder for rotatably holding the rollers and holding the wedge member while allowing linear movement of the wedge member. When the wedge member moves linearly, the holder moves, while being guided by the first and second plate members.